

Corrected Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1 – 22 (cancelled).

~~Claim 23 (new): A medicated device comprising:~~

a scaffold comprising adjacent edges or surfaces in close proximity to each other; and
a coating on said scaffold, said coating being on said surfaces and bridging from one edge or surface to another, and said coating comprising at least one polymer and at least one therapeutic agent,
said therapeutic agent being at a loading of at least about 100 micrograms per square centimeter of coating.

Claim 24 (new): The medicated device of claim 23, said therapeutic agent being at a loading of at least about 500 micrograms per square centimeter of coating.

Claim 25 (new): The medicated device of claim 23, said coating comprising a bond coat layer and a layer comprising the pharmaceutical agent.

Claim 26 (new): The medicated device of claim 23, said scaffold comprising a wire configured into a coil.

Claim 27 (new): The medicated device of claim 26, said scaffold comprising a wire configured into a coil having open windings.

Claim 28 (new): The medicated device of claim 23, said scaffold selected from the group consisting of perforated wafers and wire meshes.

Claim 29 (new): The medicated device of claim 23, said scaffold selected from the group consisting of mandrels, beads, cylinders, egg-shaped articles, spheres, coiled articles, straight articles, threads, wires, pellets, tubing, and stents.

Claim 30 (new): The medicated device of claim 23, wherein when said device is implanted in a tissue, therapeutic amounts of said therapeutic agent diffuses at least about one centimeter from said device.

Claim 31 (new): The medicated device of claim 23, wherein in a zone of inhibition test, effective amounts of the therapeutic agent diffuse at least about one half centimeter from said device.

Claim 32 (new): The medicated device of claim 23, said therapeutic agent being one or more selected from the group consisting of an antibiotic agent, an anticancer agent, an antiangiogenic agent, an antimicrobial agent, an antiviral agent, and an antithrombogenic agent.

Claim 33 (new): The medicated device of claim 23, said therapeutic agent being one or more selected from the group consisting of taxotere, fluorouracil, doxorubicin, cisplatin, mitomycin, peplomycin, merbarone, minocycline, penicillins, cephalosporins, fluoroquinolones, tetracyclines, Chloramphenicol, Polymixin B sulfate, Bacitracin zinc, aminoglycosides, cilindamycin, lincomycin, thymol, silver compounds, polyhexamethylenebiguanide hydrochloride, benzethonium chloride, stearylalkonium chloride, 1,2-benzisothiazolin-3-one, triclosan, vantacil, heparin sodium, heparin complexed with a quaternary ammonium compound, heparin complexed with benzalkonium chloride, stearylalkonium chloride, tridodecylmethylammonium chloride, hirudin, sugars, and aspirin.

Claim 34 (new): The medicated device of claim 23, said therapeutic agent being one or more selected from the group consisting of rifamycin, gentamicin laurylsulfate, VANTOCIL® IB, benzalkonium chloride, BRONOPOL-BOOTS® BP, silver nitrate, methotrexate, and paclitaxel.

Claim 35 (new): The medicated device of claim 32, said therapeutic agent comprising heparin and at least one additional agent.

Claim 36 (new): The medicated device of claim 23, said coating comprising at least one hydrophobic polymer and at least one hydrophilic polymer.

Claim 37 (new): The medicated device of claim 23, said coating comprising a first polymer and a second polymer, said first polymer more hydrophilic than said second polymer.

Claim 38 (new): The medicated device of claim 36, said hydrophilic polymer comprising a polymer being one or more selected from the group consisting of a polyacrylamide/ethylene glycol copolymer and a polyacrylamide/polyethylene oxide copolymer.

Claim 39 (new): The medicated device of claim 36, said hydrophobic polymer comprising an acrylate/carboxyl copolymer.

Claim 40 (new): The medicated device of claim 36, said coating comprising at least as much hydrophobic polymer as hydrophilic polymer by weight.

Claim 41 (new): The medicated device of claim 36, said coating comprising hydrophobic polymer and hydrophilic polymer in a weight ratio in the range of from about 1.5:1 to about 7:1.

Claim 42 (new): The medicated device of claim 23, said coating comprising an acrylate polymer and polyvinylpyrrolidone/vinyl acetate copolymer in a weight ratio in the range of from about 1.5:1 to about 7:1.

Claim 43 (new): A method for making a medicated device, comprising the steps of:

providing a scaffold comprising edges or surfaces in close proximity to each other;

providing a coating material comprising at least one polymer and at least one therapeutic agent; and,

applying the coating material to said scaffold to produce a coating on said surfaces of said scaffold and bridging from one edge or surface to another, said therapeutic agent being in the coating at a loading of at least about 100 micrograms per square centimeter of coating.

Claim 44 (new): The method of claim 43, said applying comprising applying a polymeric coating sheath to said scaffold, and applying to said sheath a coating layer comprising said polymer and said therapeutic agent.

Claim 45 (new): A method of providing a therapeutic agent to a target tissue, comprising the steps of:

providing a medicated device comprising a scaffold comprising adjacent edges or surfaces in close proximity to each other, a coating on said scaffold, said coating being on said surfaces and bridging from one edge or surface to another, and said coating containing at least one polymer and at least one therapeutic agent and comprising one or more layers, said therapeutic agent being at a loading of at least about 100 micrograms per square centimeter of coating; and,

inserting the medicated device into the target tissue to provide therapeutic benefit, wherein a therapeutic amount of said therapeutic agent diffuses into the tissue at least about one centimeter from said device.

Claim 46 (new): The method of claim 45, the tissue comprising a tumor or a lesion.

Claim 47 (new): The method of claim 45, said inserting comprising inserting the medicated device into a tumor, wherein said therapeutic agent comprises an anti-cancer drug.

Claim 48 (new): The method of claim 45, said inserting comprising inserting the medicated device into a lesion, wherein said therapeutic agent comprises an antibiotic.

Claim 49 (new): The method of claim 45, further comprising inserting the medicated device using a trochar or catheter.